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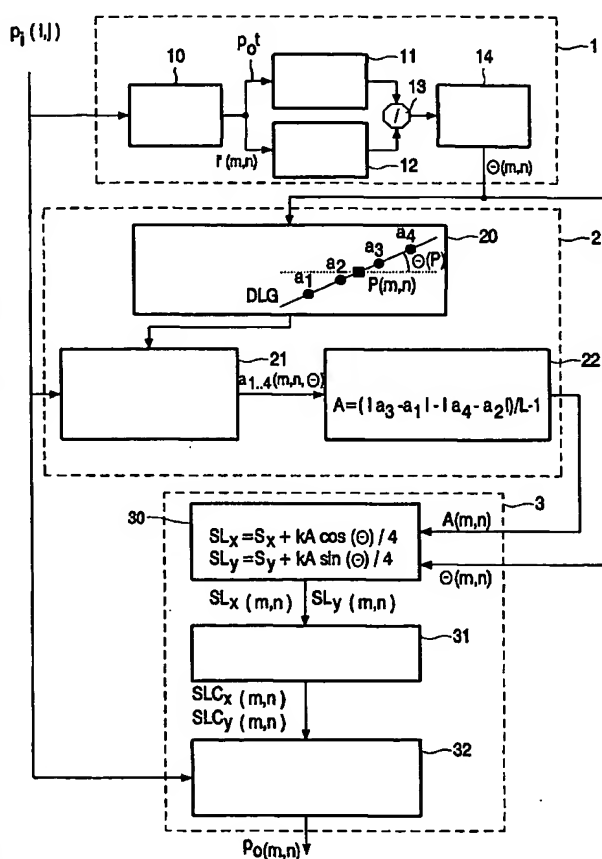
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(54) Title: **INTERPOLATION OF IMAGES**



(57) Abstract: In a method of interpolating sample values (f) of samples (Pi, Pot) of an image, a direction of a local gradient (8) of the sample values (f) for a particular one of the samples (Pi, Pot) is determined (1) from sample values (f) neighboring the particular one of the samples (Pi, Pot). The positions of interpolator input values (ai) are selected (20) in the direction of the local gradient (8) of the particular one of the samples (Pi, Pot). The interpolator input values (ai) for the particular one of the samples (Pi, Pot) are interpolated (21) from pixel values (f) neighboring the interpolator input values (ai). And, a warping factor (A) for a warped distance interpolating (3) is determined (22) using the interpolator input values (ai).

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